

What is claimed is:

1. An auxiliary guiding device for the blind, comprising:

a guiding brick embedded with an electronic tag including a memory chip and a first antenna connected to the memory chip, wherein the memory chip stores guidance information which can be read or written;

a reader having a radio frequency transceiver module, a second antenna and a microprocessor, wherein the radio frequency transceiver module transmits radio waves to the electronic tag through the second antenna to trigger the electronic tag to transmit guidance information to the radio frequency transceiver module whereby the microprocessor then converts the guidance information to digital data;

a text-to-speech (TTS) component having an input terminal of digital data for converting the digital data transmitted by the microprocessor to analog signals, such that the analog signals drive a sound generating component and the inputted digital data are broadcasted by means of speech ; and

a power supply unit for providing necessary electric power to the reader and the text-to-speech (TTS) component.

2. The auxiliary guiding device for the blind according to claim 1, wherein the guiding brick includes a cavity and a watertight gel for covering and sealing the electronic tag in the cavity.

3. The auxiliary guiding device for the blind according to claim 1, wherein the emitted frequency of the radio wave

from transceiver module is 862~928 MHz.

4. The auxiliary guiding device for the blind according to claim 1,
wherein the microprocessor converts the digital data to digital
data with uniform code (UNICODE) format and then transmits
5 the digital data with uniform code (UNICODE) format to the
input terminal of the text-to-speech (TTS) synthesizer.
5. The auxiliary guiding device for the blind according to claim 1,
wherein the microprocessor includes a power switch.
6. The auxiliary guiding device for the blind according to claim 1,
10 wherein the microprocessor further includes a volume
controller for adjusting the output volume of the sound
generating component.
7. The auxiliary guiding device for the blind according to claim 1,
wherein the microprocessor further includes a gain function to
15 adjusting the sensitivity between the reader and the electronic
tag.
8. The auxiliary guiding device for the blind according to claim 1,
wherein the power supply unit is a battery.
9. The auxiliary guiding device for the blind according to claim 1,
20 wherein the radio frequency transceiver module, the
microprocessor, the TTS synthesizer and power supply unit are
assembled in a container being a portable device, such that a
user wear the portable device.
10. The auxiliary guiding device for the blind according to claim 9,
25 wherein the second antenna is disposed around the bottom end

of the guiding stick and the reader has a connecting wire for connecting to the second antenna to the radio frequency transceiver module.

11. The auxiliary guiding device for the blind according to claim
5 10, wherein the connecting wire has connector to connect the radio frequency transceiver module by means of assembling and disassembling.